



Attorney Docket No. 0553-0379

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Shunpei YAMAZAKI et al

Serial No.: 10/664,458

Filed: September 18, 2003

Art Unit: 2879

Examiner: Christopher M. Raabe

For: LIGHT EMITTING DEVICE AND
MANUFACTURING METHOD THEREOF

)
) I hereby certify that this correspondence
) is being deposited with the United States
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)
) [Signature]
)
)
) Date: March 7, 2006

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97, Applicant hereby calls the Examiner's attention to documents listed on the attached form, which documents may be material to the examination of this application. Pursuant to 37 CFR §1.98(a)(2)(i), copies of cited US patent and US patent application publications are not submitted herewith. Copies of foreign patent documents and non-patent literature documents are enclosed herewith for the Examiner's consideration.

No inference should be drawn that the attached list sets forth a comprehensive investigation of the prior art, that any or all are pertinent to the invention, or that any apparatus disclosed is equivalent to the subject invention.

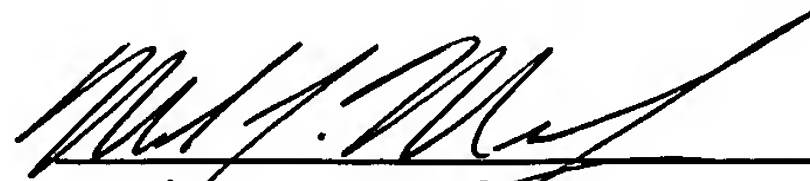
The citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not possibly be in existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicant also respectfully reserves the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

FEE

In accordance with \$1.17(p), Applicants are submitting a check for \$180.00. If any further fee is required for this IDS, please charge our Deposit Account No. 50/1039.

Respectfully submitted,



Mark J. Murphy
Registration No.: 34,225

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Suite 2850
Chicago, Illinois 60606
(312) 236-8500

Customer no. 000026568



LIST OF PUBLICATIONS
CITED BY APPLICANT

Atty. Docket No.
0553-0379

Serial No.
10/664,458

Applicant
Shunpei YAMAZAKI
et al

Filing Date
September 18, 2003

Group
2879

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	5,550,066	08/27/96	Tang et al	437	40	12/14/94
	5,701,055	12/23/97	Nagayama et al	313	504	03/12/96
	5,789,766	08/04/98	Huang et al	257	88	03/20/97
	5,929,474	07/27/99	Huang et al	257	292	03/10/97
	5,952,037	09/14/99	Nagayama et al	427	66	05/08/97
	5,952,708	09/14/99	Yamazaki	257	643	11/18/96
	5,978,403	11/02/99	Iwasa et al	372	50	09/29/97
	6,013,538	01/11/00	Burrows et al	438	22	11/24/97
	6,016,033	01/18/00	Jones et al	313	506	05/07/98
	6,037,712	03/14/00	Codama et al	313	498	04/03/97
	6,057,647	05/02/00	Kurosawa et al	315	169.3	12/22/98
	6,115,090	09/05/00	Yamazaki	349	42	03/23/98
	6,169,293 B1	01/02/01	Yamazaki	257	72	07/22/99
	6,239,470 B1	05/29/01	Yamazaki	257	350	10/07/99
	US 2001/ 0002144 A1	05/31/01	Yamazaki	349	44	12/27/00
	6,297,516 B1	10/02/01	Forrest et al	257	40	06/25/99
	6,310,670 B1	10/30/01	Lee	349	43	07/27/98
	US 2002/ 0000551 A1	01/03/02	Yamazaki et al	257	59	03/02/01
	6,373,187 B1	04/16/02	Nagayama et al	313	506	05/18/98
	US 2002/ 0070663 A1	06/13/02	Ogura et al	313	506	10/01/01
	6,426,245 B1	07/30/02	Kawasaki et al	438	166	07/07/00
	6,476,988 B1	11/05/02	Yudasaka	359	885	11/18/99
	US 2002/ 0180371 A1	12/05/02	Yamazaki et al	315	169.3	02/19/02
	US 2002/ 0190256 A1	12/19/02	Murakami et al	257	72	05/20/02
	6,501,227 B1	12/31/02	Koyama	315	169.3	09/21/00
	6,512,504 B1	01/28/03	Yamauchi et al	345	87	04/18/00
	6,538,390 B2	03/25/03	Fujita et al	315	169.3	07/19/01
	6,555,840 B1	04/29/03	Hudson et al	257	40	02/15/00
	6,563,554 B2	05/13/03	Okamoto et al	349	12	06/25/01
	US 2003/ 0089913 A1	05/15/03	Takayama et al	257	79	06/17/02

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	English Abstract	English Trans.	FILING DATE
	JP 08-241047	09/17/96	Eastman Kodak Co.	X		12/12/95
	EP 0 732 868 A1	09/18/96	Pioneer Electronic Corp.			03/12/96
	JP 08-315981	11/29/96	Pioneer Electronic Corp.	X		11/10/95
	JP 10-268360	10/09/98	Semiconductor Energy Lab Co Ltd.	X		03/26/97
	JP 10-321372	12/04/98	Pioneer Electronic Corp.	X		05/20/97
	JP 2000- 331784	11/30/00	Tohoku Pioneer Corp.	X		05/24/99
	EP 1 058 314 A2	12/06/00	Semiconductor Energy Lab Co Ltd.			06/02/00
	EP 1 058 484 A1	12/06/00	Semiconductor Energy Lab Co Ltd.			06/02/00
	JP 2001- 077374	03/23/01	Semiconductor Energy Lab Co Ltd.			07/05/00

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	<p>1) TSUTSUI, T., et al, "Electroluminescence in Organic Thin Films," Photochemical Processes in Organized Molecular Systems, pp. 437-450, (1991).</p> <p>2) BALDO, M.A. et al, "Highly Efficient Phosphorescent Emission from Organic Electroluminescent Devices," Nature, vol. 395, pp. 151-154, September 10, (1998).</p> <p>3) BALDO, M.A. et al, "Very High-Efficiency Green Organic Light-Emitting Devices Based on Electrophosphorescence," Applied Physics Letters, vol. 75, no. 1, pp. 4-6, July 5, (1999).</p> <p>4) TSUTSUI, T. et al, "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center," Japanese Journal of Applied Physics, vol. 38, part 2, no. 12B, pp. L 1502-L 1504, December 15, (1999).</p>
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EXAMINER:

DATE CONSIDERED:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

LIST OF PUBLICATIONS CITED BY APPLICANT	Atty. Docket No. 0553-0379	Serial No. 10/664,458
	Applicant Shunpei YAMAZAKI et al	
	Filing Date September 18, 2003	Group 2879

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	US 2003/ 0089991 A1	05/15/03	Yamazaki et al	257	759	11/07/02
	US 2003/ 0129790 A1	07/10/03	Yamazaki et al	438	149	11/08/02
	6,689,492 B1	02/10/04	Yamazaki et al	428	690	06/02/00
	US 2004/ 0061438 A1	04/01/04	Yamazaki et al	313	506	09/18/03
	6,828,727 B2	12/07/04	Yamazaki	313	509	11/08/01
	6,903,377 B2	06/07/05	Yamazaki et al	257	88	11/08/02

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	English Abstract	English Trans.	FILING DATE

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS
(Including Author, Title, Date, Pertinent Pages)

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EXAMINER:	DATE CONSIDERED:
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL **for FY 2006**

MAR 13 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**180.00**

Complete If Known

Application Number **10/664,458**
Filing Date **September 18, 2003**
First Named Inventor **Shumpei Yamazaki**
Examiner Name **Christopher M. Raabe**
Art Unit **2879**
Attorney Docket No. **0553-0379**

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: **50-1039** Deposit Account Name: **Cook, Alex, McFarron, Manzo, Cummings**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Small Entity Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
Total Claims - 20 or HP = _____ x _____ = _____	Multiple Dependent Claims	
HP = highest number of total claims paid for, if greater than 20	Fee (\$)	Fee Paid (\$)
Indep. Claims - 3 or HP = _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3		

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets - 100 = _____ /50= _____ (round up to a whole number) x _____ = _____ **Fee Paid (\$)**

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)
Other (e.g., late filing surcharge): **Information Disclosure Statement** **180.00**

SUBMITTED BY

Signature  Registration No. **34,225** Telephone **312-236-8500**
(Attorney/Agent)
Name (Print/Type) **Mark J. Murphy** Date **March 7, 2006**

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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